

MAR 16 1992

**THE PROVINCE OF ALBERTA**  
**COAL CONSERVATION ACT**  
**ENERGY RESOURCES CONSERVATION BOARD**

IN THE MATTER of a surface coal mine site of  
Cardinal River Coals Ltd. in the Luscar area

**PERMIT NO. 92-6**

WHEREAS Cardinal River Coals Ltd. is the holder of Permit No. C 91-3 authorizing development of a surface coal mine site in the Luscar area; and

WHEREAS the Energy Resources Conservation Board is prepared to grant Application No. 911774 by Cardinal River Coals Ltd. registered on 10 December 1991 for an amendment of Permit No. C 91-3 to extend the permit boundary to allow for construction of a geotechnically stable mine discard dump; and

WHEREAS it is desirable that a new permit be issued to replace Permit No. C 91-3; and

WHEREAS the Lieutenant Governor in Council has given his approval by Order in Council, numbered O.C. 82/92 and dated 6 February 1992; and

WHEREAS the Minister of the Environment has given his approval, hereto attached, insofar as the application affects matters of the environment.

THEREFORE the Energy Resources Conservation Board, pursuant to the Coal Conservation Act, being chapter C-14 of the Revised Statutes of Alberta 1980, hereby grants to Cardinal River Coals Ltd. (hereinafter called "the Permittee") a PERMIT to develop a coal mine site in the Luscar area, subject to the provisions of the Act and regulations and orders pursuant thereto and to the following terms and conditions:

1. The mine site shall continue to be known as the Luscar Mine Site and be designated as Mine No. 1768.
2. This permit shall apply to 4890 hectares, more or less, in Townships 47 and 48, Ranges 23, 24 and 25, West of the 5th Meridian, as shown in Appendix A hereto attached.
3. Subject to other provisions of this permit, all mining and related operations shall be in accordance with the submissions of the Permittee to the Board, as follows:

- (a) Application No. 770987 registered on 14 December 1977
- (b) Application No. 810209 registered on 16 March 1981
- (c) Application No. 810493 registered on 16 June 1981
- (d) Application No. 820883 registered on 14 September 1982
- (e) Application No. 821141 registered on 29 November 1982
- (f) Application No. 870302 registered on 5 March 1987
- (g) Application No. 891437 registered on 27 September 1989
- (h) Application No. 901076 registered on 1 August 1990
- (i) Application No. 901223 registered on 30 August 1990
- (j) Application No. 911774 registered on 10 December 1991

4. The Permittee shall advise the Board of any significant modifications to the development plan and obtain its approval prior to effecting such modifications.

5. Each mining area and external discard site within the permit area shall be individually licensed by the Board prior to the commencement of any mining activity.

6. The Permittee shall carry out its operations to the satisfaction of the Board, and in a manner that

- (a) will result in the mining of all practical and economic coal within the permit area,
- (b) will not preclude or render more difficult the recovery of other coal recoverable by practical and reasonable operations, and
- (c) will facilitate land reclamation.

7. The Permittee shall, as soon as practicable, advise the Board and provide a preliminary assessment of any incident or accident affecting or having the potential for affecting safety or the environment and being attributable to design features or operational methods which are subject to the approval of the Board.

8. The Permittee shall satisfy the Board and Alberta Environment before the start of development of mines 50-A-6 and 50-A-7 in the 50A Baseline area, of the establishment of an advisory committee with representation from the Cadomin Environmental Protection Association to advise the Board on monitoring of development activities and reviewing noise and blasting impacts, and to review environmental and reclamation studies and to advise Alberta Environment regarding air quality and water quality impacts.

9. The Permittee shall implement the water replacement policy established during discussions with the Cadomin Environmental Protection Association.

10. The Permittee shall, if warranted as a result of monitoring of blasts in the 50-A-6 and 50-A-7 mines in the 50A Baseline area, implement blasting techniques as recommended in the "Pit 50-A-8 Blast Study - November 1989" report of the Application No. 901223.



11. Noise levels in the community of Cadomin shall be in accordance with those established by ERCB ID 88-1. The Permittee shall document any noise complaints and report to the Board as to the action taken.

12. The approval of the Minister of the Environment is attached hereto as Appendix B, and this permit is subject to the terms and conditions therein contained.

13. (1) Attached hereto as Appendix C, and made part of this permit, is the order of the Lieutenant Governor in Council authorizing the grant of this permit.

(2) This permit is subject to the terms and conditions, if any, prescribed by the order of the Lieutenant Governor in Council set out in Appendix C.

14. Permit No. C 91-3 is rescinded.

15. The Board may

- (a) cancel or suspend this permit, in whole or in part, for failure of the Permittee to comply with any provisions of the Act, the regulations or the terms and conditions set out herein; or
- (b) amend this permit or make such other order as it thinks appropriate under the circumstances.

MADE at the City of Calgary, in the Province of Alberta, this 6th day of March 1992.

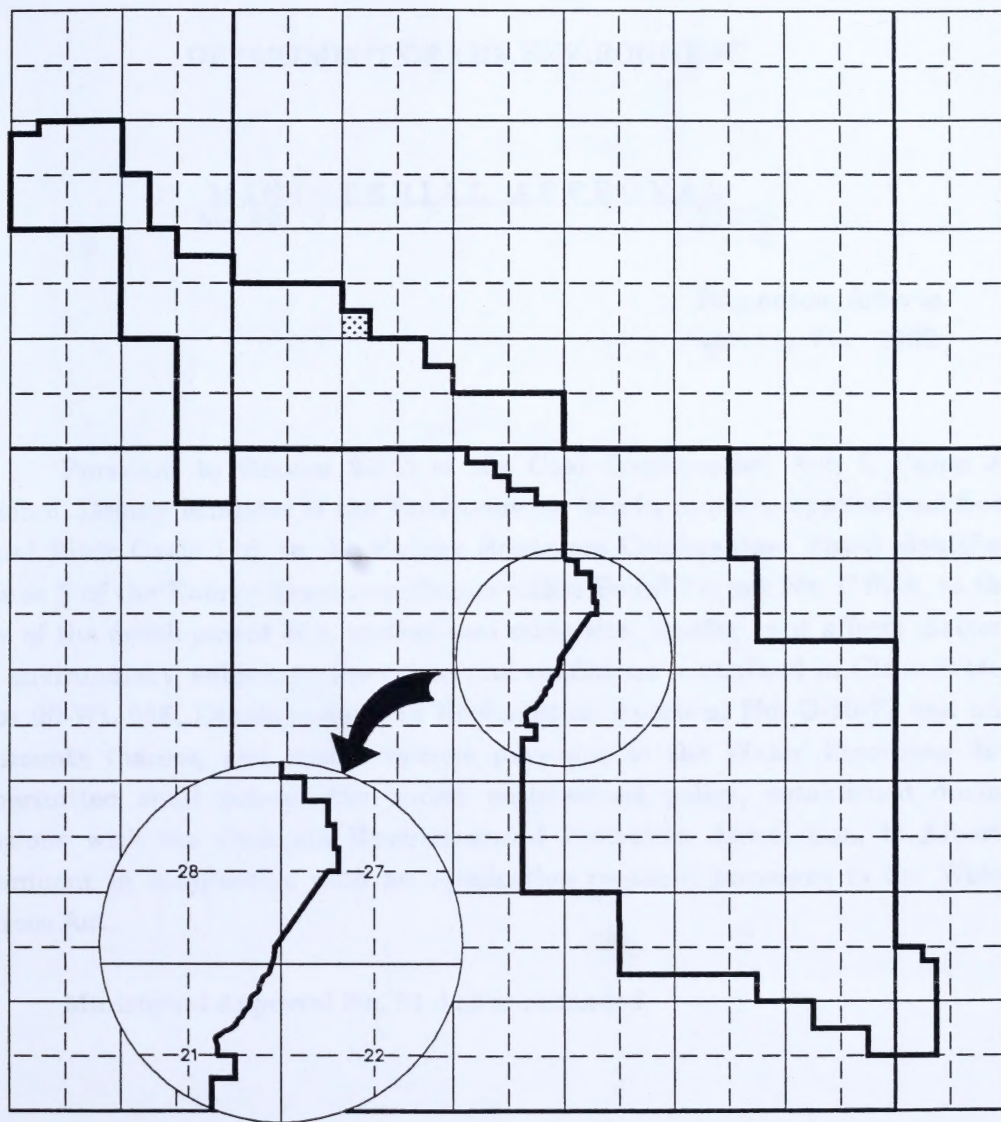
ENERGY RESOURCES CONSERVATION BOARD



R.25

R.24

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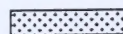
# CARDINAL RIVER COALS LTD-LUSCAR AREA



APPENDIX A TO PERMIT NO. C 92-6

PREVIOUS PERMIT NO. C 91-3

AREA OF CHANGE



## LEGEND

———— PERMIT BOUNDARY MINE NO. 1768



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CARDINAL RIVER COAL LTD-LUSCAR AREA

APPENDIX 1 TO REPORT NO. 1

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AREA OF CHANGE

PREVIOUS REPORT NO. 1

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REPORT NO. 1



APPENDIX B TO PERMIT NO. C 92-6

DEPARTMENT OF THE ENVIRONMENT

MINISTERIAL APPROVAL

No. 92- 17

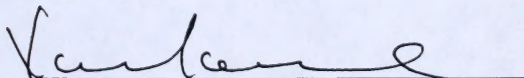
ERCB

Edmonton, Alberta

February 21, 1992

Pursuant to Section 21(1) of the Coal Conservation Act, I, Vance A. MacNichol, Deputy Minister of the Environment, hereby approve applications from Cardinal River Coals Ltd. to the Energy Resources Conservation Board identified in Clause 3 of the Energy Resources Conservation Board Permit No. C 92-6, in the matter of the development of a surface coal mine site, insofar as it affects matters of the environment, subject to the terms and conditions prescribed in Clean Water Licence 90-WL-056, Development and Reclamation Approval No. C-10-77 and any amendments thereto, and authorizations pursuant to the Water Resources Act. The permittee shall submit the water replacement policy, established during discussions with the Cadomin Environmental Protection Association, to Alberta Environment in conjunction with an application required pursuant to the Water Resources Act.

Ministerial Approval No. 91-113 is rescinded.



DEPUTY MINISTER



ORDER IN COUNCIL

APPROVED AND ORDERED.

LIEUTENANT GOVERNOR

O.C. 82/92

February 6, 1992

EDMONTON, ALBERTA

Upon the recommendation of the Honourable the Minister of Energy, the Lieutenant Governor in Council, pursuant to section 21(3) of the Coal Conservation Act, authorizes the Energy Resources Conservation Board to grant Permit No. C 92-6 to Cardinal River Coals Ltd. in the form attached and rescinds Order in Council numbered O.C. 393/91.

ACTING CHAIRMAN





